

Amendment to the Abstract of the Disclosure

In light of the rejection of the claims by the examiner, and the above amendments to the claims, Applicant has revised the Abstract of the Disclosure accordingly, to provide greater clarity. The Abstract of the Disclosure is amended to read as follows:

A capacitive fluid level sensor is disclosed that operates without the use of a float, wherein coplanar sensing electrodes are spaced to disposed onto a dielectric substrate and positioned proximate a dielectric wall of a vessel containing a fluid, form a fringing field measured capacitance that changes in accordance with a change in the fluid level of the fluid. The electrodes forming a sensing element, and being are electrically insulated from the measured fluid. The sensing element is fabricated such that it can be attached to electrodes are sized and spaced to maximize response of the capacitance to changes in the level of the fluid, while minimizing the effects of the dielectric wall. The sensor is fabricated such that it can be positioned against the outside of a dielectric wall of a vessel, or embedded within a dielectric material. An low permittivity spacer and shield assembly are taught which reduce sensitivity to electric fields external to the vessel. An interdigital comb configuration of sensing element the electrodes is also disclosed in which depressions or gaps are formed into thea dielectric substrate in an area of spacing material that is present between the fingers of the electrode comb.